Using SAS to Publish Web Pages

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Using SAS to Publish Static Web Pages - Microsoft Internet Explorer





File Edit View Go Favorites Help

Using SAS to Publish Web Pages

The SAS System currently offers three free macros that enables you to create static Web pages that display your SAS output or data. You need a Web browser that supports HTML2.0 or higher. To display tables your browser must support HTML3.x. The macros can be used in batch mode. If you use SAS Release 6.12 you can also use them in interactive mode.

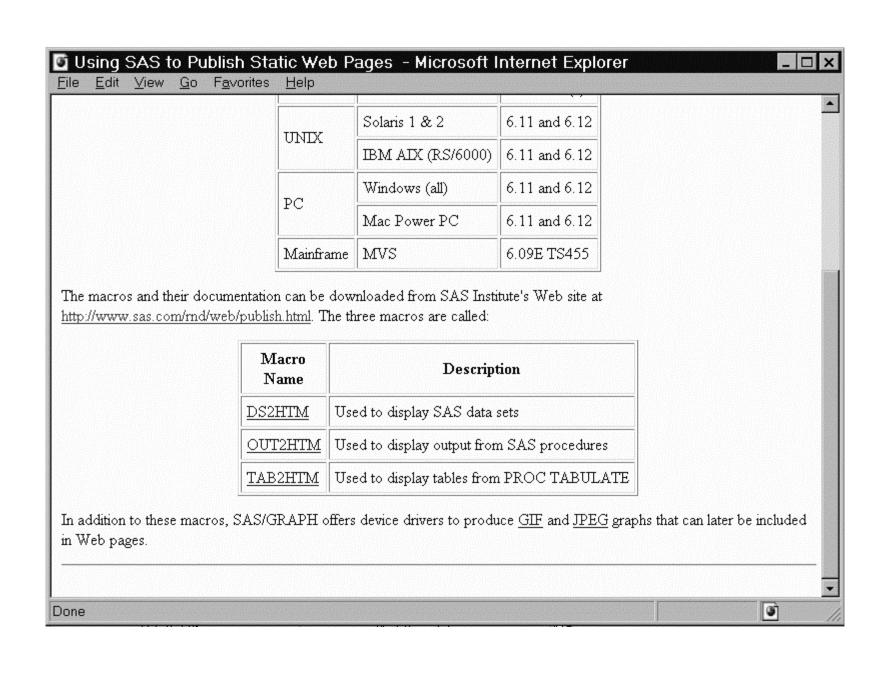
These are some of the releases of SAS where the macros are available:

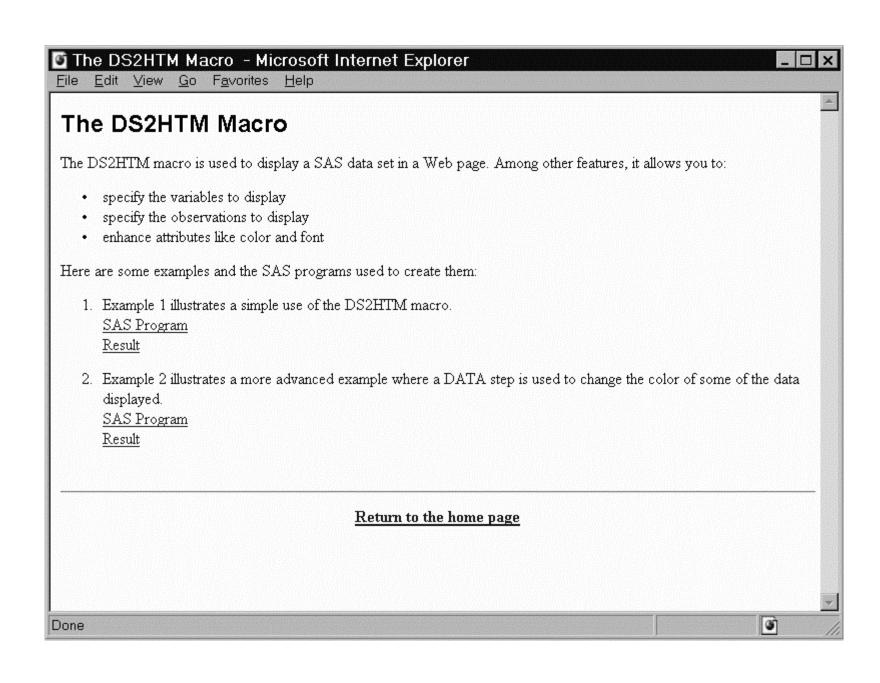
System	Platform	Supported Release(s)
UNIX	Solaris 1 & 2	6.11 and 6.12
	IBM AIX (RS/6000)	6.11 and 6.12
PC	Windows (all)	6.11 and 6.12
	Mac Power PC	6.11 and 6.12
Mainframe	MVS	6.09E TS455

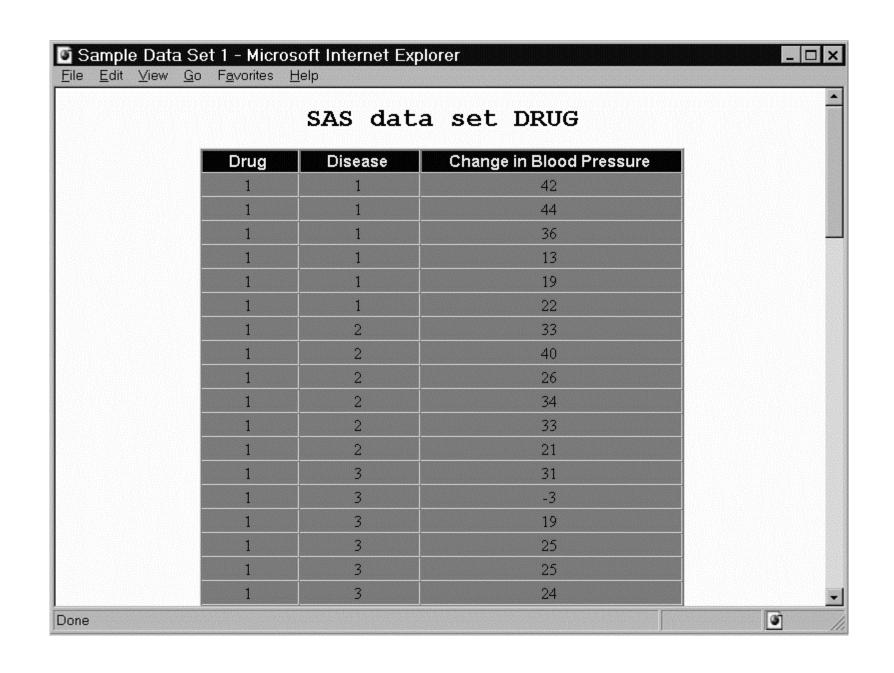
The macros and their documentation can be downloaded from SAS Institute's Web site at http://www.sas.com/rnd/web/publish.html. The three macros are called:

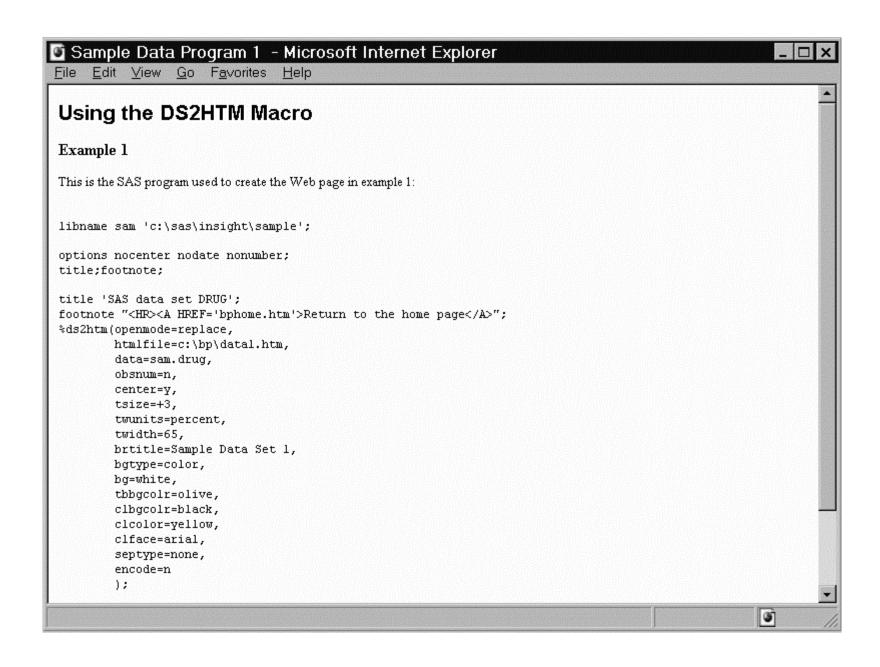
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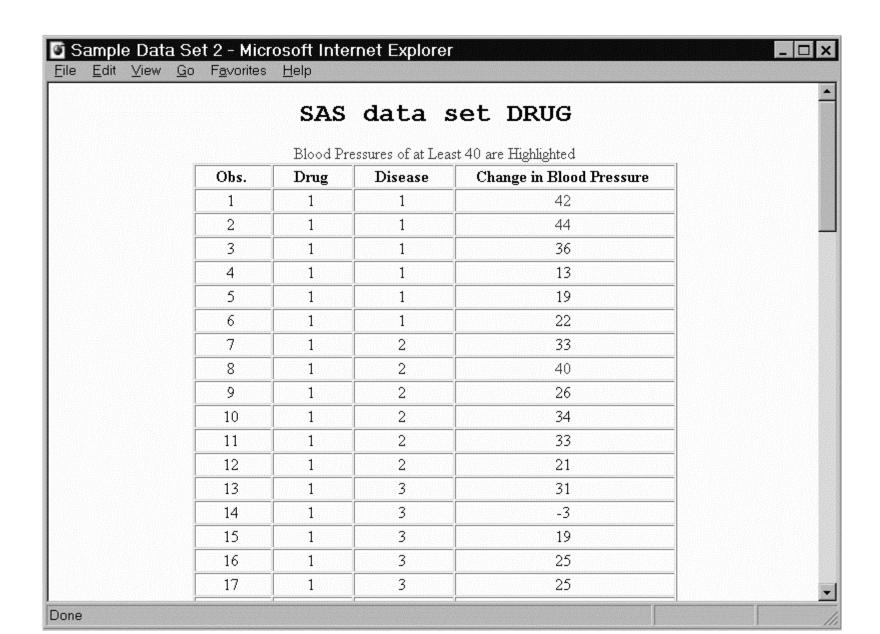




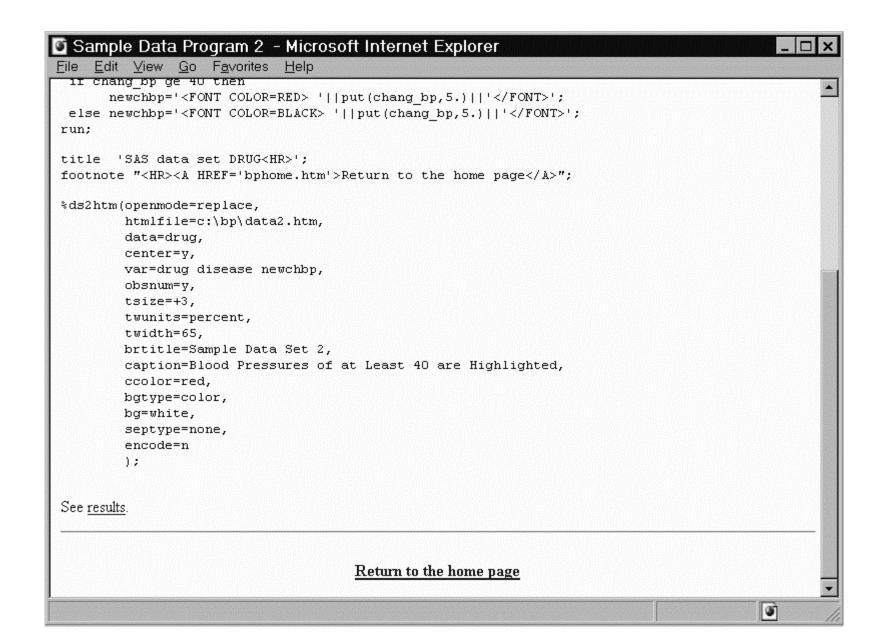


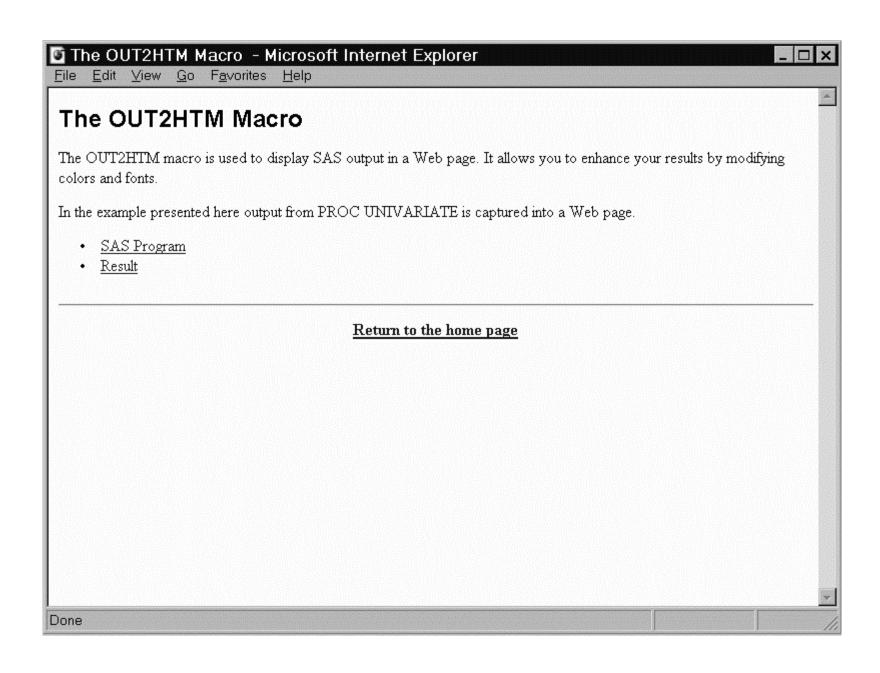


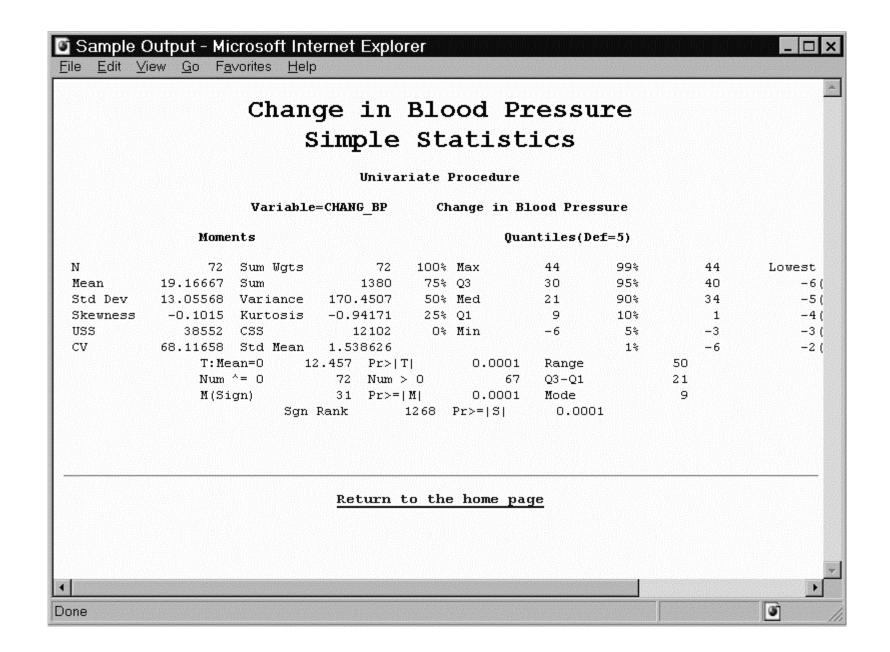


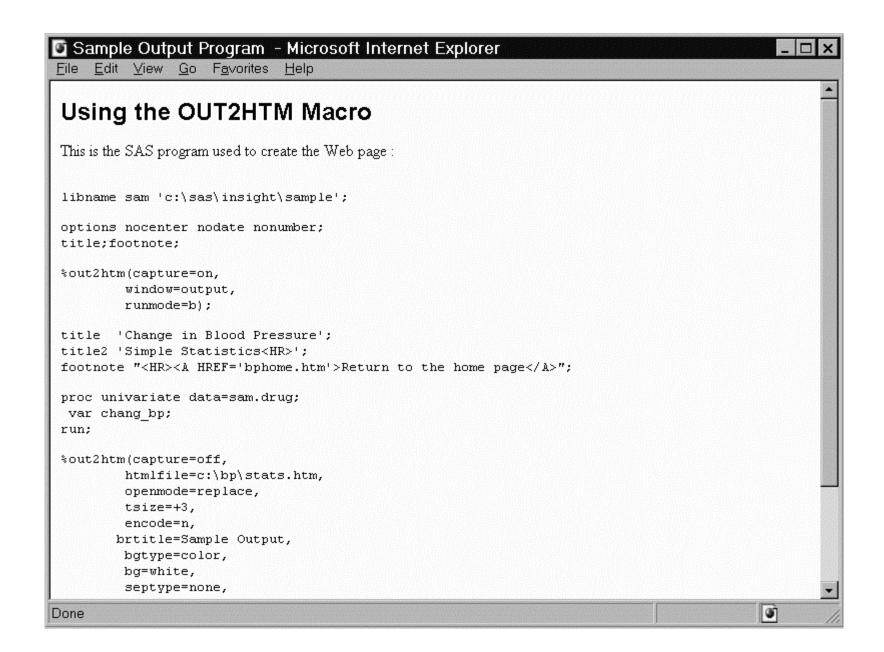


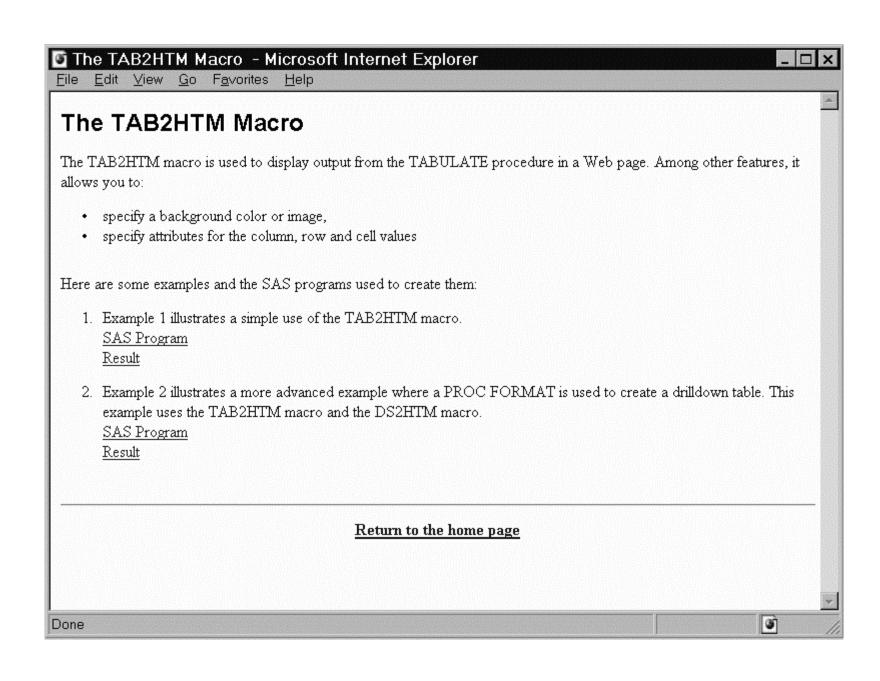
Sample Data Program 2 - Microsoft Internet Explorer File Edit View Go Favorites Help Using the DS2HTM Macro Example 2 This is the SAS program used to create the Web page in example 2: libname sam 'c:\sas\insight\sample'; options nocenter nodate nonumber; title:footnote: data drug; set sam.drug; length newchbp \$ 200; label newchbp='Change in Blood Pressure'; if chang bp ge 40 then newchbp=' '||put(chang bp,5.)||''; else newchbp=' '||put(chang bp,5.)||''; run; title 'SAS data set DRUG<HR>': footnote "<HR>Return to the home page"; %ds2htm(openmode=replace, htmlfile=c:\bp\data2.htm, data=drug, center=y, var=drug disease newchbp, obsnum=y, tsize=+3,

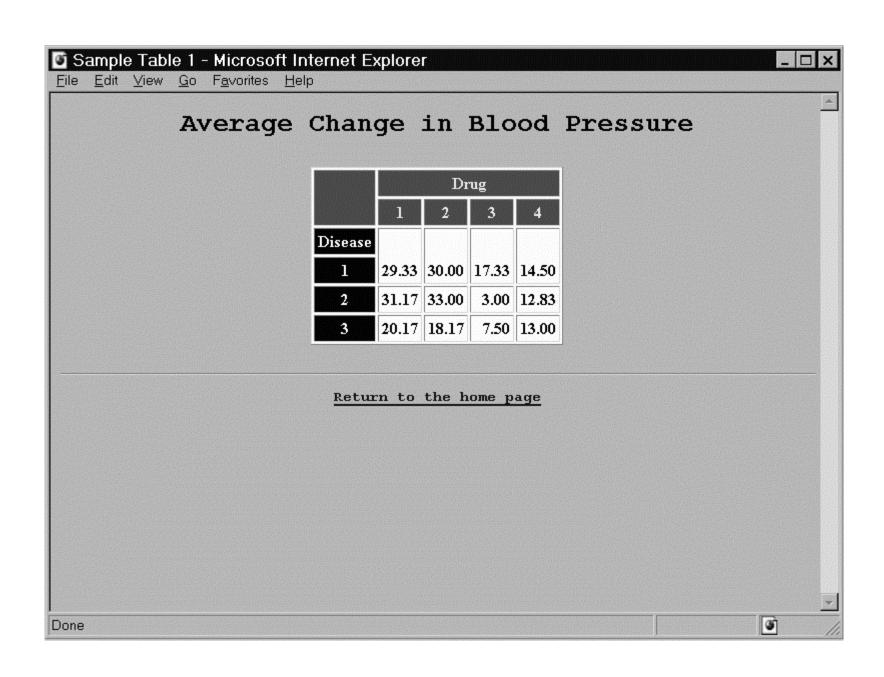


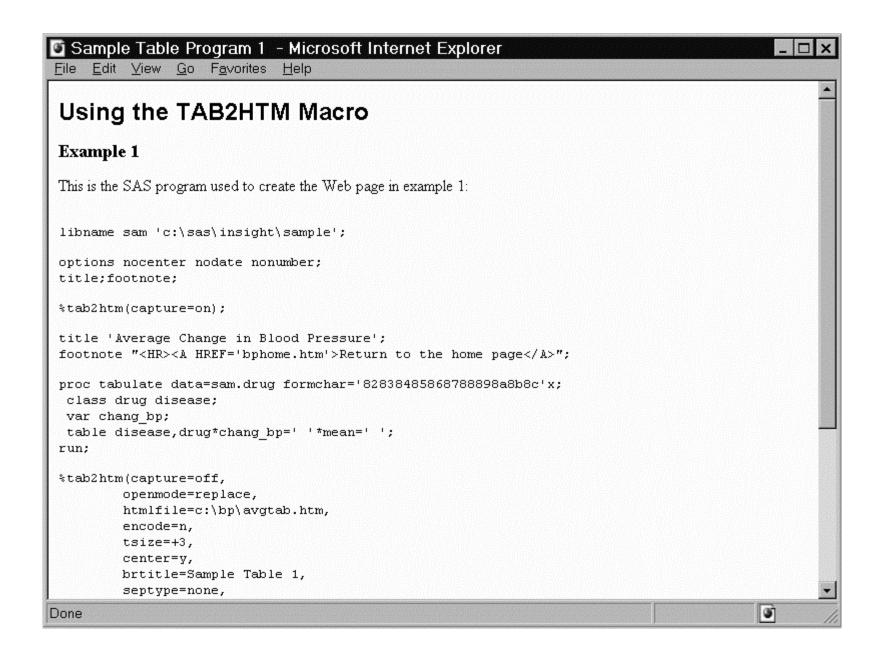


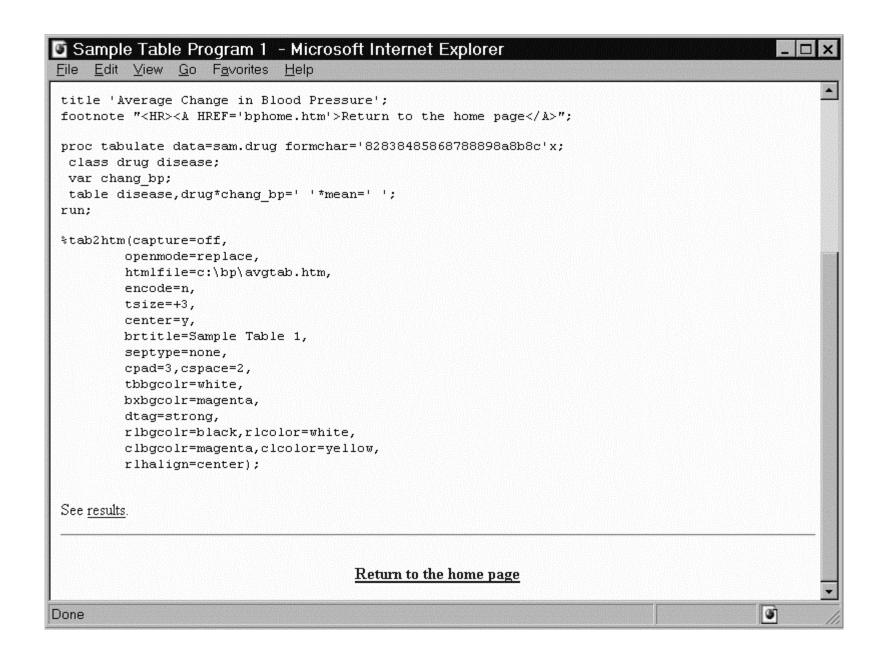


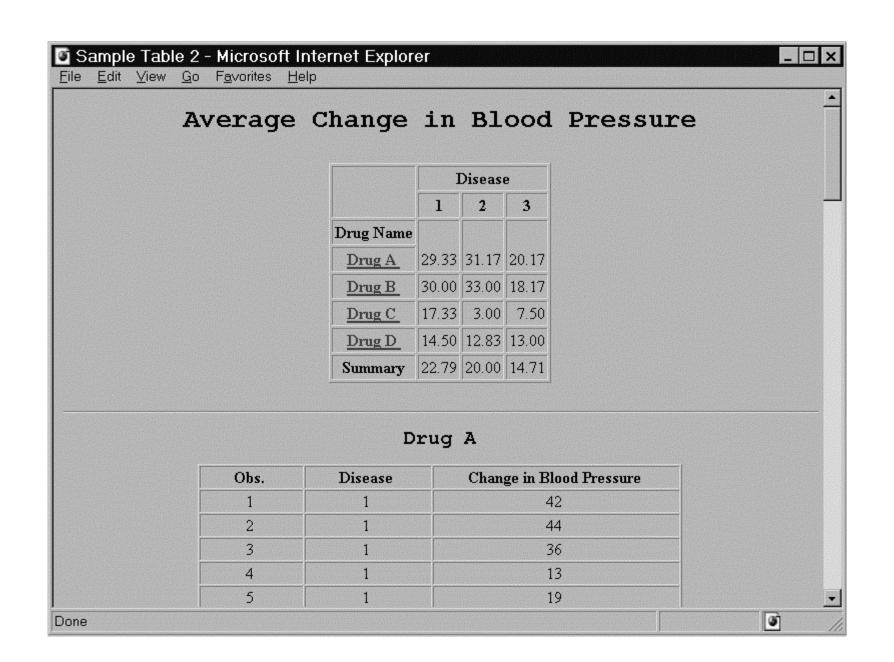


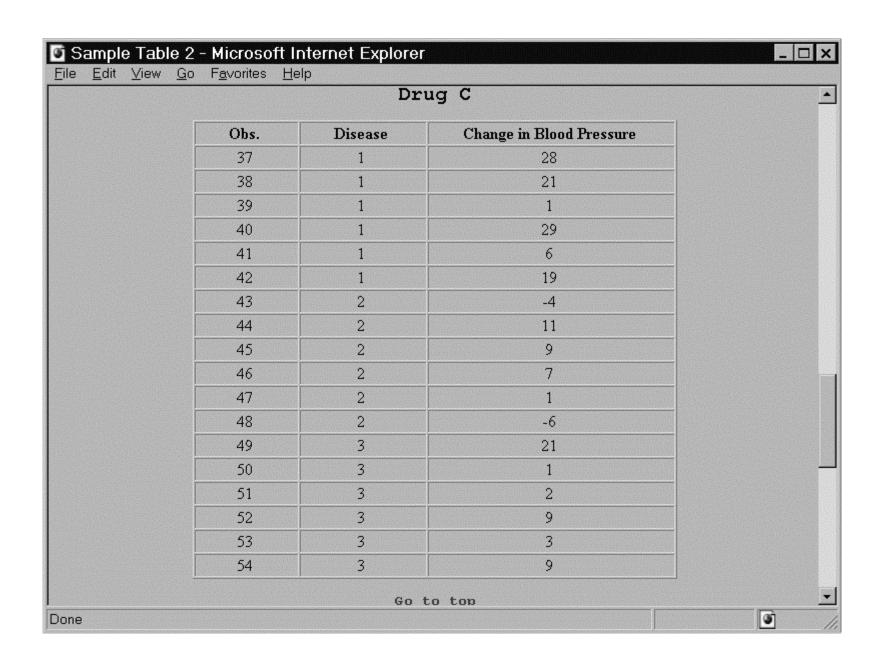










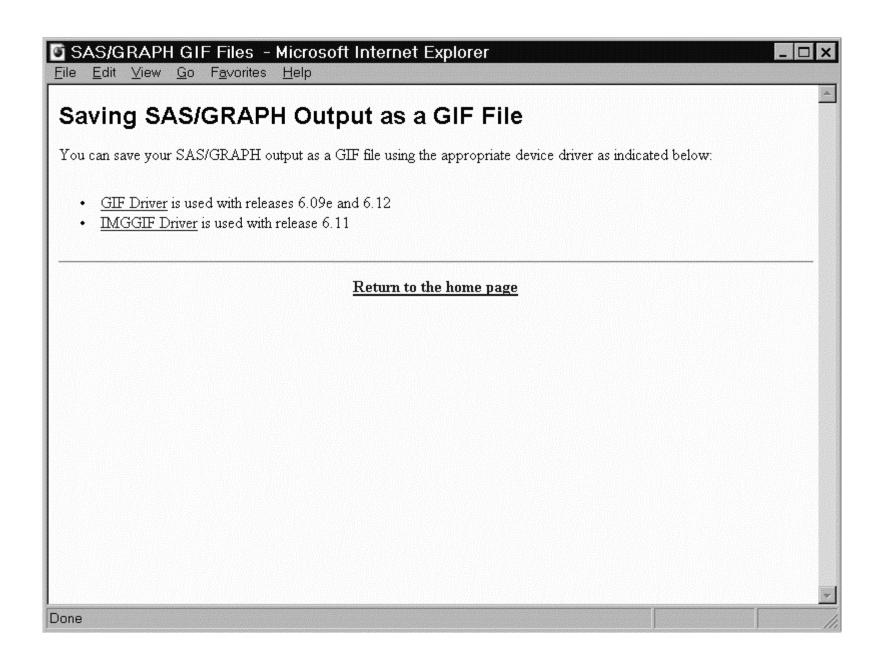


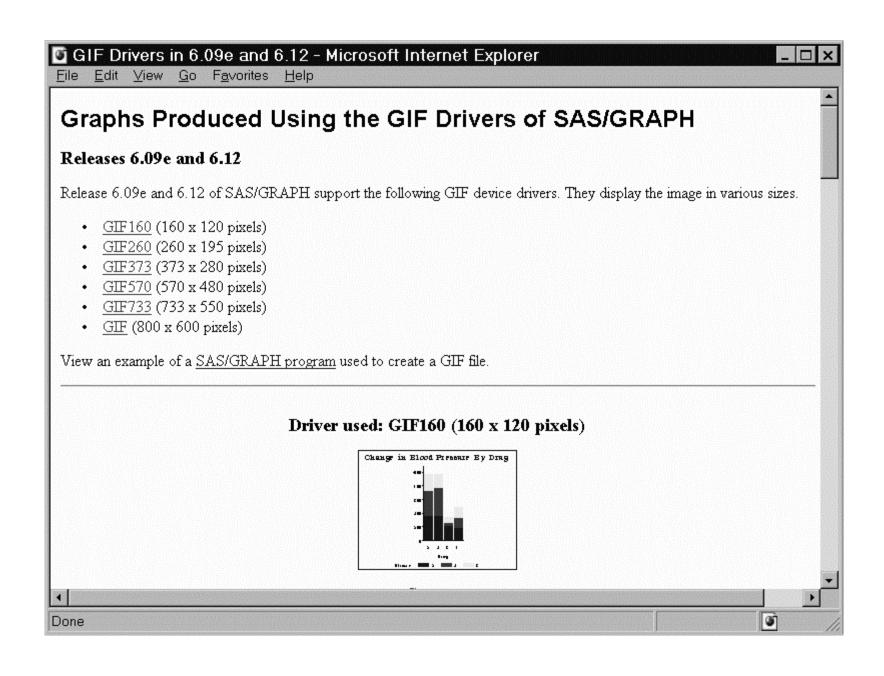
Sample Table Program 2 - Microsoft Internet Explorer File Edit View Go Favorites Help Using the TAB2HTM Macro Example 2 This is the SAS program used to create the Web page in example 2: libname sam 'c:\sas\insight\sample'; options nocenter nodate nonumber; title:footnote: *define formats to use with links; proc format; value drug 1 = ' Drug A ' 2 = ' Drug B ' 3 = ' Drug C ' 4 = ' Drug D '; run; %tab2htm(capture=on); title 'Average Change in Blood Pressure'; *main table: proc tabulate data=sam.drug formchar='82838485868788898a8b8c'x; class drug disease; var chang bp; table drug='Drug Name'*f=10.2 all='Summary', disease*chang bp=' '*mean=' '; format drug drug.; run; Done

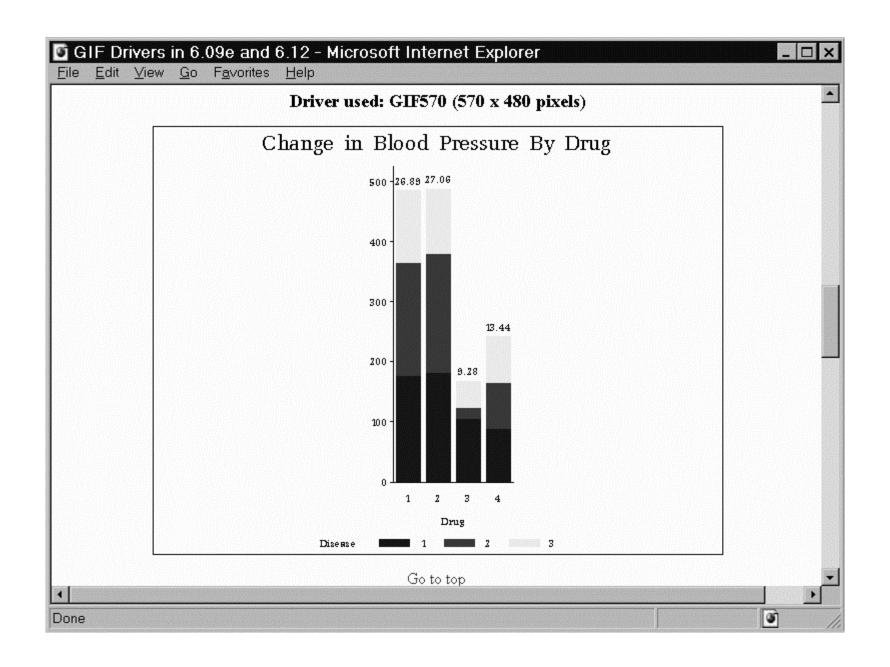
```
Sample Table Program 2 - Microsoft Internet Explorer
 File Edit View Go Favorites Help
 %tab2htm(capture=off,
          openmode=replace,
          htmlfile=c:\bp\drilltab.htm,
          encode=n,
          tsize=+3,
          tface=strong,
          center=y,
          brtitle=Sample Table 2,
          rlhalign=center,
          cspace=2,cpad=2,
          fsize=+1,
          fface=strong
          );
 *locations to drill down to:
 *drug A:
 title '<A NAME="dr1">Drug A</A>';
 footnote '<A HREF="#TOP">Go to top</A>';
 %ds2htm(openmode=append,
         htmlfile=c:\bp\drilltab.htm,
         data=sam.drug,
         obsnum=y,
         where=drug eq 1,
         var=disease chang bp,
         center=y,
         tsize=+2,
         twunits=percent,
         twidth=65,
         encode=n
         );
Done
```

```
Sample Table Program 2 - Microsoft Internet Explorer
 File Edit View Go Favorites Help
 *drug B;
 title '<A NAME="dr2">Drug B</A>';
 footnote '<A HREF="#TOP">Go to top</A>';
 %ds2htm(openmode=append,
         htmlfile=c:\bp\drilltab.htm,
         data=sam.drug,
         obsnum=y,
         where=drug eq 2,
         var=disease chang bp,
         center=y,
         tsize=+2,
         twunits=percent,
         twidth=65,
         encode=n
         1:
 *drug C:
 title '<A NAME="dr3">Drug C</A>';
 footnote '<A HREF="#TOP">Go to top</A>';
 %ds2htm(openmode=append,
         htmlfile=c:\bp\drilltab.htm,
         data=sam.drug,
         obsnum=y,
         where=drug eq 3,
         var=disease chang bp,
         center=y,
         tsize=+2,
         twunits=percent,
         twidth=65,
         encode=n
         );
Done
```

```
Sample Table Program 2 - Microsoft Internet Explorer
 File Edit View Go Favorites Help
         var=disease chang bp,
         center=y,
         tsize=+2,
         twunits=percent,
         twidth=65,
         encode=n
         );
 *drug D:
 title '<A NAME="dr4">Drug D</A>';
 footnote '<A HREF="#TOP">Go to top</A>';
 footnote2 "<HR><A HREF='bphome.htm'>Return to the home page</A>";
 %ds2htm(openmode=append,
         htmlfile=c:\bp\drilltab.htm,
         data=sam.drug,
         obsnum=y,
         where=drug eq 4,
         var=disease chang bp,
         center=y,
         tsize=+2,
         twunits=percent,
         twidth=65,
         septype=none,
         encode=n
         );
 See results.
                                      Return to the home page
Done
```







Sample SAS/GRAPH Program, Release 6.09e and 6.12 - Microsoft Internet Explorer File Edit View Go Favorites Help Sample SAS/GRAPH Program to Create a GIF File Releases 6.09e and 6.12 libname sam 'c:\sas\insight\sample'; goptions reset=all ftext=zapf border; filename out 'c:\bp\bpvbar.gif'; goptions dev=gif570 gsfname=out gsfmode=replace; pattern1 v=s c=blue; pattern2 v=s c=red; pattern3 v=s c=yellow; axis1 minor=none label=none; title 'Change in Blood Pressure By Drug'; proc gchart data=sam.drug; vbar drug / sumvar=chang bp mean discrete subgroup=disease raxis=axis1; run; quit; Return to the home page Done

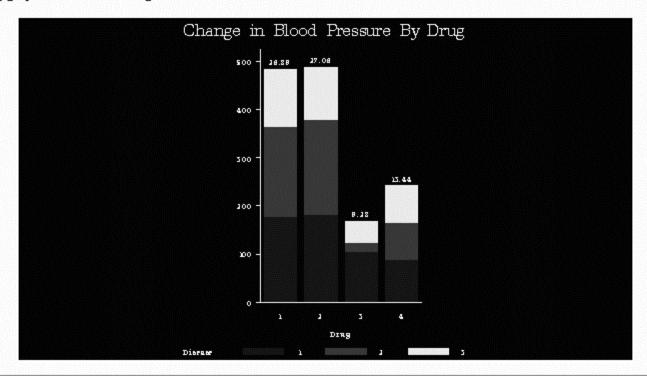
IMGGIF Driver in Release 6.11 - Microsoft Internet Explorer

File Edit View Go Favorites Help

Graph Produced Using the IMGGIF Driver of SAS/GRAPH

Release 6.11

In SAS Release 6.11 you can specify the IMGGIF device driver in your <u>SAS/GRAPH program</u> to create a GIF file. The following graph was created using the IMGGIF driver.



Sample SAS/GRAPH Program, Release 6.11 - Microsoft Internet Explorer File Edit View Go Favorites Help Sample SAS/GRAPH Program to Create a GIF File Release 6.11 libname sam 'c:\sas\insight\sample'; goptions reset=all ftext=zapf border; filename out 'c:\bp\bpvbar0.gif'; goptions dev=imggif gsfname=out gsfmode=replace; pattern1 v=s c=blue; pattern2 v=s c=red; pattern3 v=s c=yellow; axis1 minor=none label=none; title 'Change in Blood Pressure By Drug'; proc gchart data=sam.drug; vbar drug / sumvar=chang bp mean discrete subgroup=disease raxis=axis1; run; quit; Return to the home page

Done

IMGJPEG Driver in Release 6.12 - Microsoft Internet Explorer

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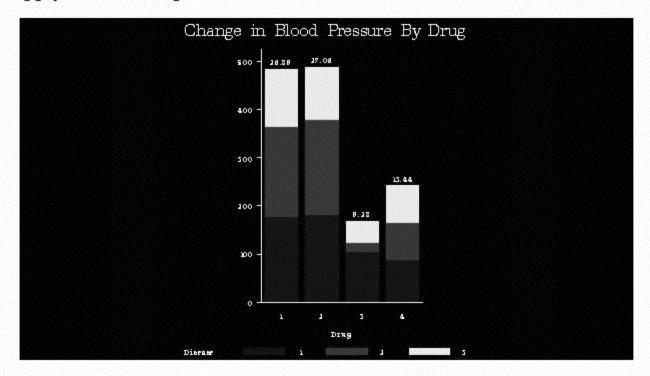
3

File Edit View Go Favorites Help

Graph Produced Using the IMGJPEG Driver of SAS/GRAPH

Release 6.12

With SAS Release 6.12 you can specify the IMGJPEG device driver in your <u>SAS/GRAPH program</u> to create a JPEG file. The following graph was created using the IMGJPEG driver.



Sample SAS/GRAPH Program Using JPEG, Release ... - Microsoft Internet Explorer File Edit View Go Favorites Help Sample SAS/GRAPH Program to Create a JPEG File Release 6.12 libname sam 'c:\sas\insight\sample'; goptions reset=all ftext=zapf border; filename out 'c:\bp\imgjpeg.jpg'; goptions dev=imgjpeg gsfname=out gsfmode=replace; pattern1 v=s c=blue; pattern2 v=s c=red; pattern3 v=s c=yellow; axis1 minor=none label=none; title 'Change in Blood Pressure By Drug'; proc gchart data=sam.drug; vbar drug / sumvar=chang bp mean discrete subgroup=disease raxis=axis1: run; quit; Return to the home page

Done

For more information

- View documentation at SAS's site:
 http://www.sas.com/rnd/web/publish.html
- Call 301-594-DCRT